

NEWSLETTER NO. 5 a

RESEARCH ON PHOTOINTERPRETER PERFORMANCE

16 JUNE 1965



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Declass Review by NGA.

16 June 1965

During March 1965 an experimental study was completed and a report on the work, entitled "The Effects of Stereo Convergence and Obliquity Angles on the Judged Worth of Aerial Photographs" was submitted. A series of briefings on this work were given.

On 22 March 1965 a memo dated 22 March 1965 was submitted to GTS on the proposed continuation of Photointerpreter Response Studies and was accepted. The research consists of two major parts: (1) A PI response study and (2) a mensuration study. The goals of these studies are, respectively:

1. a. To determine, as a function of ground resolution, the effect of PI performance on the usefulness of photography (of missile sites) in the analysis performed by intelligence analysts.
- b. To determine validity of PI judgements of value of photography.

and

2. a. To determine the accuracy of target mensuration as a function of ground resolution.

A revised schedule for this effort is attached.

During April and May 1965 [] has made arrangements for the collection of photography. These arrangements are, briefly, as follows:

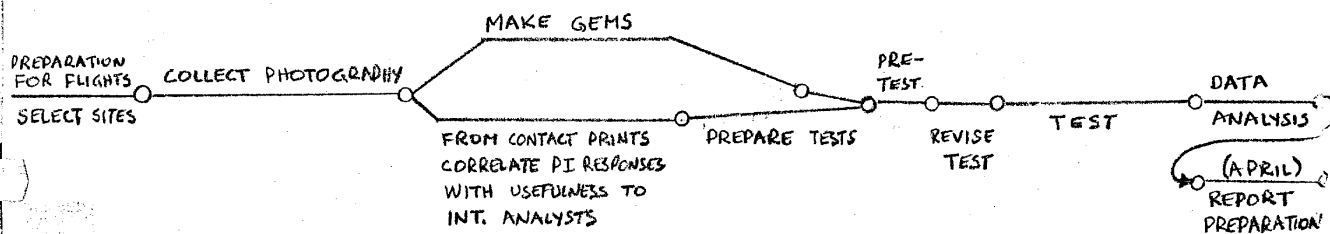
Rome ADC has been collecting photography for a variety of projects and plan an intensified collection program this summer. [] at Rome has agreed to collect photography specifically for our project if we would supply him with a camera maintenance expert. As a result, on 15 June a man from FS' shop will begin working at Rome for approximately 10 weeks. During the remainder of June the cameras and aircraft will be checked-out and prepared for photography-collection flights during July and August. The photography-collection effort has been named "Project Brightview". [] is presently working on the selection of areas to be photographed.

During a meeting on 8 June in [] shop the mensuration study was discussed. A general experimental procedure was formulated. FS is preparing a description of the photographs to be used in the initial part of this Study, after which DNB and AH will design an experiment. The preparation of the photographs for this effort will begin on 21 June 1965.

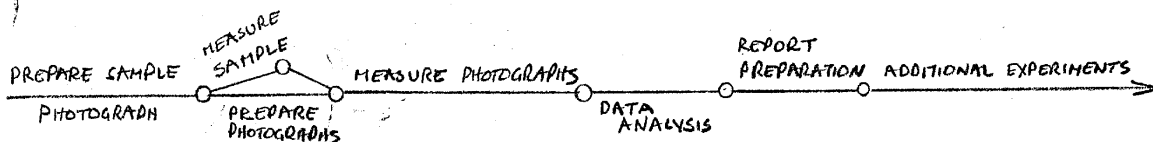
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PI RESPONSE STUDY ↑
MEASUREMENT STUDY ↓



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